LHC@FNAL Upgrade

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Description

- **Two main components**
  - **Operations Center (OC) – The OC will utilize computer consoles similar in design to the consoles installed in the CERN Common Control Center (CCC)**
  - **Video Conference Center (VCC) - The Video Conference Center is used to facilitate communication between LHC@FNAL and CERN**

Description

- **The OC has been planned to accommodate four (4)-2 station consoles.**
- **Each console will have four (4) "PC" type computers**
- **Each console has been planned to accommodate sixteen (16) LCD monitors.**
- **The OC has been planned to accommodate up to four (4) high light output video projectors.**
- **The VCC will provide space for video conferences of up to 10 people.**
- **A visual connection between the OC and the VCC is desirable.**
- **The OC should provide an insight into the day-to-day workings of high energy physics program and be a "destination" for employees, visitors and staff.**
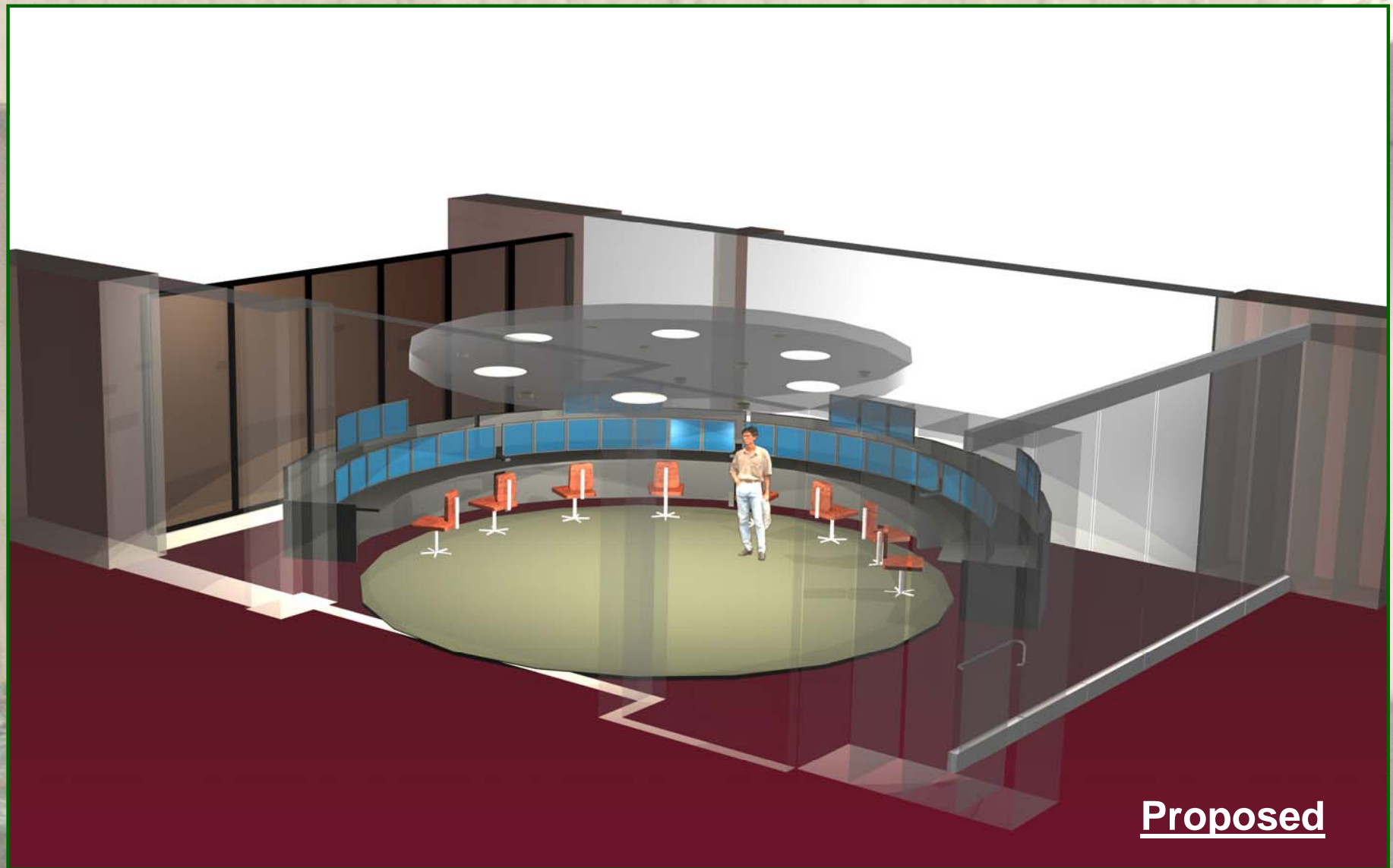
Project Scope

- **Wilson Hall Infrastructure Upgrades to support the project**
  - **Architectural**
  - **Electrical**
  - **Mechanical**

Images

Existing

Proposed

LHC @ FNAL

Images

Proposed

Images

LHC @ FNAL

Proposed

Images

Proposed

Images by G. VanZandbergen

Schedule

- **CDR/PEP issued for Comment and Compliance Review on 3/10**

- **Comments due on 3/24**

- **Corrections made by 4/7**

- **~2-3 weeks for DOE approval**

- **Title 2 Design complete: May 2006**

- **Procurement: June 2006**

- **Construction: July – Sept 2006**